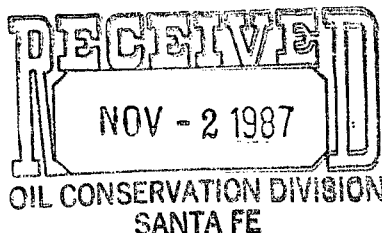


Release Date: November 2, 1987

B, DEC

ARCO Oil and Gas Company
Central District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 688 5200



October 27, 1987

NSL-2429
RULE-104 F(I)

Mr. William J. LeMay
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Langlie - Mattix Pool
40 Acres.
NW 1/4 NE 1/4
Section 3

RE: Unorthodox Location
Seven Rivers Queen Unit No. 74
Lea County, New Mexico
Langlie Mattix Field

Dear Mr. LeMay:

ARCO Oil and Gas Company respectfully requests administrative approval to drill its Seven Rivers Queen Unit No. 74, a proposed producing well in an active waterflooding unit, at an unorthodox location of 1210' FNL & 2390' FEL, Section 3, Township 23 South, Range 36 East, Lea County, New Mexico. The well is to be drilled to a TD of 3880' to test the Seven Rivers and Queen formations. In ARCO's opinion, completion of the well at the proposed location will provide an efficient production and injection pattern within a secondary recovery project. This well is expected to recover unswept oil by increasing the amount of floodable pay and by increasing the injection efficiency due to increased continuity. The proration units which offset this proposed well are all within the Seven Rivers Queen Unit and, therefore, no offset operators are to be notified of this request. Attached is a plat showing the Seven Rivers Queen Unit and the proposed well's location.

Very truly yours,

A handwritten signature in cursive script, appearing to read "D. J. Hartman".

D. J. Hartman
Area Engineer

DJH:CWE:sc

cc: New Mexico Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88240

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

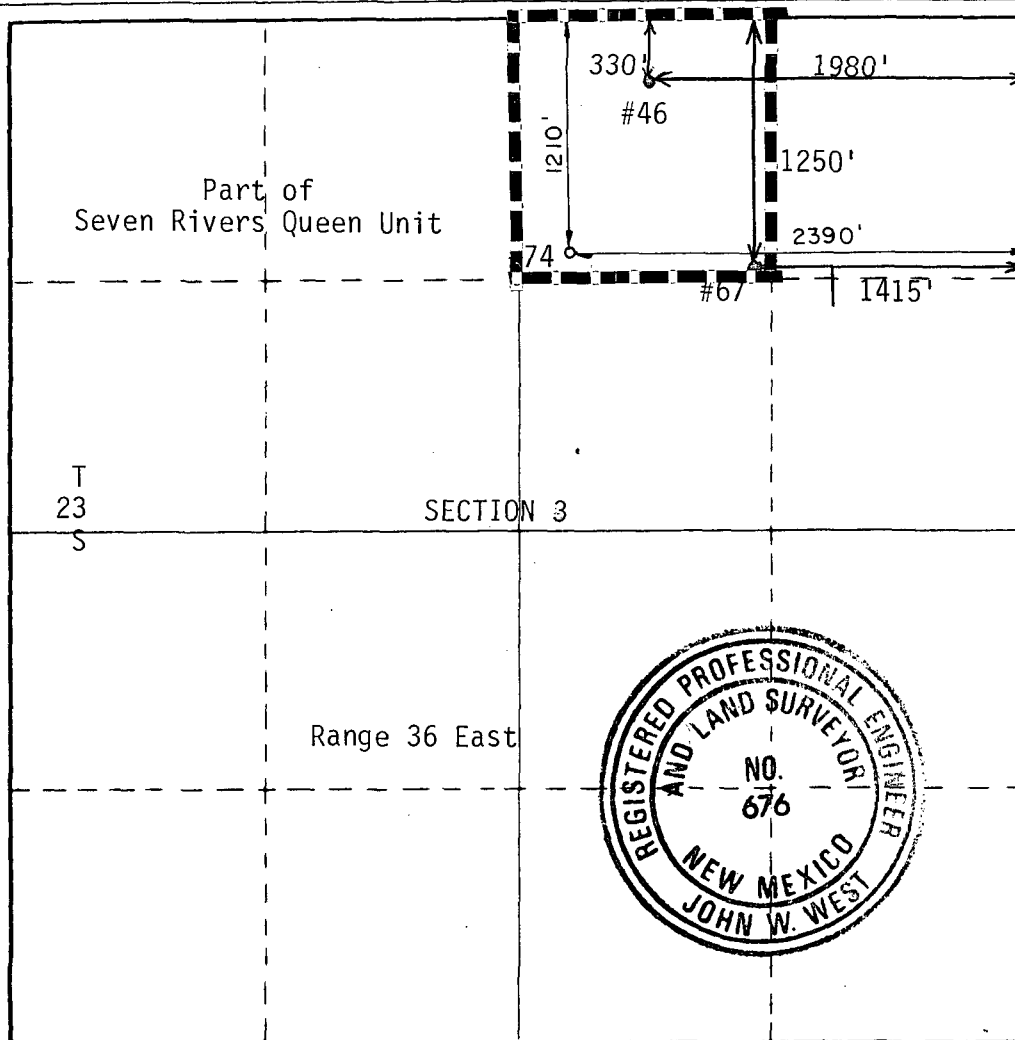
Operator Arco Oil & Gas			Lease Seven Rivers Queen Unit		Well No. 74
Unit Letter B	Section 3	Township 23 South	Range 36 East	County Lea	
Actual Footage Location of Well: 1210 feet from the North line and 2390 feet from the East line					
Ground Level Elev. 3493.4	Producing Formation Seven Rivers/ Queen		Pool Langlie Mattix		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Cindy W. Ellis

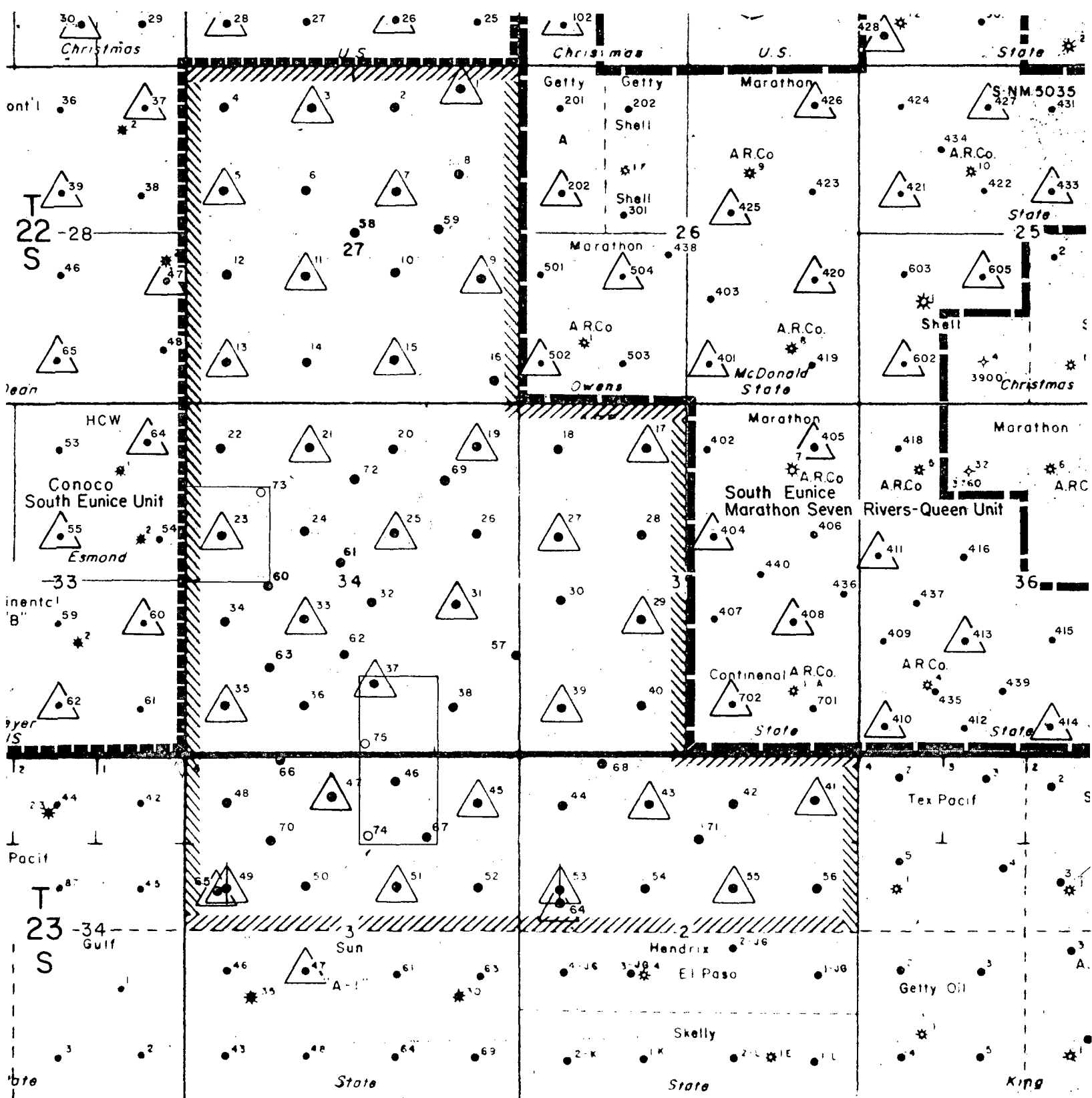
Name
Cindy W. Ellis
Position
Engineer
Company
ARCO Oil & Gas Co.
Date
10-26-87

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 21, 1987

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239



R 36 E

ARCO Oil and Gas Company 
 Division of Atlantic Richfield Company
 Central District Midland, Texas

SEVEN RIVERS-QUEEN UNIT
 LEA CO., NEW MEXICO

PROPOSED WELLS
 No. 73, 74, 75

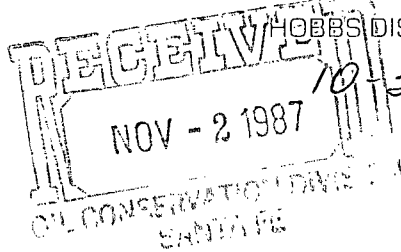
Scale: 1" = 2000'

By C. ELLIS	Drawn By	Date 7-85
Date 7-85	Revised By E. Davis	Date 10-87
Dept. SOUTH ENGINEERING	Drawn By	



GARREY CARRUTHERS
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBBS DISTRICT OFFICE



POST OFFICE BOX 1880
HOBBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC _____
DHC _____
NSL X _____
NSP _____
SWD _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

Arco Oil & Gas Co. Seven Rivers Queen ut 74-B 3-23-36
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Jerry Sexton
Supervisor, District 1

/ed